

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

Claims 1-40 (Canceled).

Claim 41 (Currently amended): An image capture apparatus comprising:

an image capture unit adapted to capture image data;

a memory adapted to store the image data captured by the image capture unit;

an image compression unit adapted to compress the image data stored in the

memory;

an image display unit adapted to display an image using the image data stored in the memory;

a control unit adapted to control the image capture apparatus ~~using the memory~~;

and

a refresh control unit coupled to the memory, and adapted to refresh the memory,

wherein the image capture apparatus further comprises an arbitration unit adapted to assign a higher priority to a process of providing image data from the image capture unit to the memory than a process of refreshing the memory, to assign a higher priority to a process of refreshing the memory than a process of providing image data from the memory to the image compression unit, and to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory, and to assign a higher priority to a process that the control unit uses the memory than a process of

~~providing image data from the memory to the image compression unit until a predetermined time is elapsed after the memory is refreshed~~

wherein the image capture apparatus is capable of performing a process of displaying an image using the image data stored in the memory in parallel with a process of compressing the image data stored in the memory.

Claim 42 (Canceled).

Claim 43 (Previously presented): An image capture apparatus according to claim 41, wherein the image capture apparatus is an electronic camera.

Claims 44-46 (Canceled).

Claim 47 (Currently amended): An image capture apparatus according to claim 41, further comprising:

~~an image capture unit adapted to capture image data;~~
~~a memory adapted to store the image data captured by the image capture unit;~~
~~an image processing unit adapted to process the image data stored in the memory;~~
~~a control unit adapted to control the image capture apparatus using the memory;~~
~~and~~
~~a refresh control unit coupled to the memory, and adapted to refresh the memory;~~

~~wherein the image capture apparatus further comprises an arbitration unit adapted to assign a higher priority to a process of providing image data from the image capture unit to the memory than a process of refreshing the memory, to assign a higher priority to a process of refreshing the memory than a process of providing image data from the memory to the image~~

~~processing unit, and to assign a higher priority to a process that the control unit uses the memory than a process of providing image data from the memory to the image processing unit until a predetermined time is elapsed after the memory is refreshed.~~

Claim 48 (Currently amended): An image capture apparatus according to claim 47, further comprising: ~~wherein the arbitration unit is also adapted to assign a higher priority to a process of accessing the memory from the control unit than a process of providing image data from the memory to the image processing unit until a predetermined time is elapsed after the memory is refreshed~~

~~an image compression unit adapted to compress the image data stored in the memory,~~

~~wherein the arbitration unit also adapted to assign a higher priority to a process of refreshing the memory than a process of providing image data from the memory to the image compression unit.~~

Claim 49 (Previously presented) An image capture apparatus according to claim 47, wherein the image processing unit is adapted to change a size of the image data.

Claim 50 (Previously presented): An image capture apparatus according to claim 47, wherein the image capture apparatus is an electronic camera.

Claim 51 (Currently amended): An image capture apparatus according to claim 41, further comprising: ~~wherein the arbitration unit is also adapted to assign a higher priority to a process of accessing the memory from the control unit than a process of providing image data from the memory to the image compression unit until a predetermined time is elapsed after the memory is refreshed~~

~~an image display unit adapted to display the image data stored in the memory on display apparatus,~~

~~wherein the arbitration unit also adapted to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory.~~

Claim 52 (Previously presented): An image capture apparatus according to claim 51, wherein the image capture apparatus is an electronic camera.

Claim 53 (Currently amended): An image capture apparatus according to claim 47, further comprising: ~~wherein the image capture apparatus is capable of performing a process of displaying an image using the image data stored in the memory in parallel with a process of changing a size of the image data stored in the memory~~

~~an image display unit adapted to display the image data stored in the memory on display apparatus,~~

~~wherein the arbitration unit also adapted to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory.~~

Claim 54 (Previously presented): An image capture apparatus according to claim 53, wherein the image capture apparatus is an electronic camera.

Claim 55 (Currently amended): An image capture apparatus according to claim 48, further comprising: ~~41, wherein the refresh control unit is adapted to refresh the memory in a blanking period~~

~~an image display unit adapted to display the image data stored in the memory on display apparatus,~~

~~wherein the arbitration unit also adapted to assign a higher priority to a process of providing image data from the memory to the image display unit than a process of refreshing the memory.~~

Claim 56-57 (Cancelled).